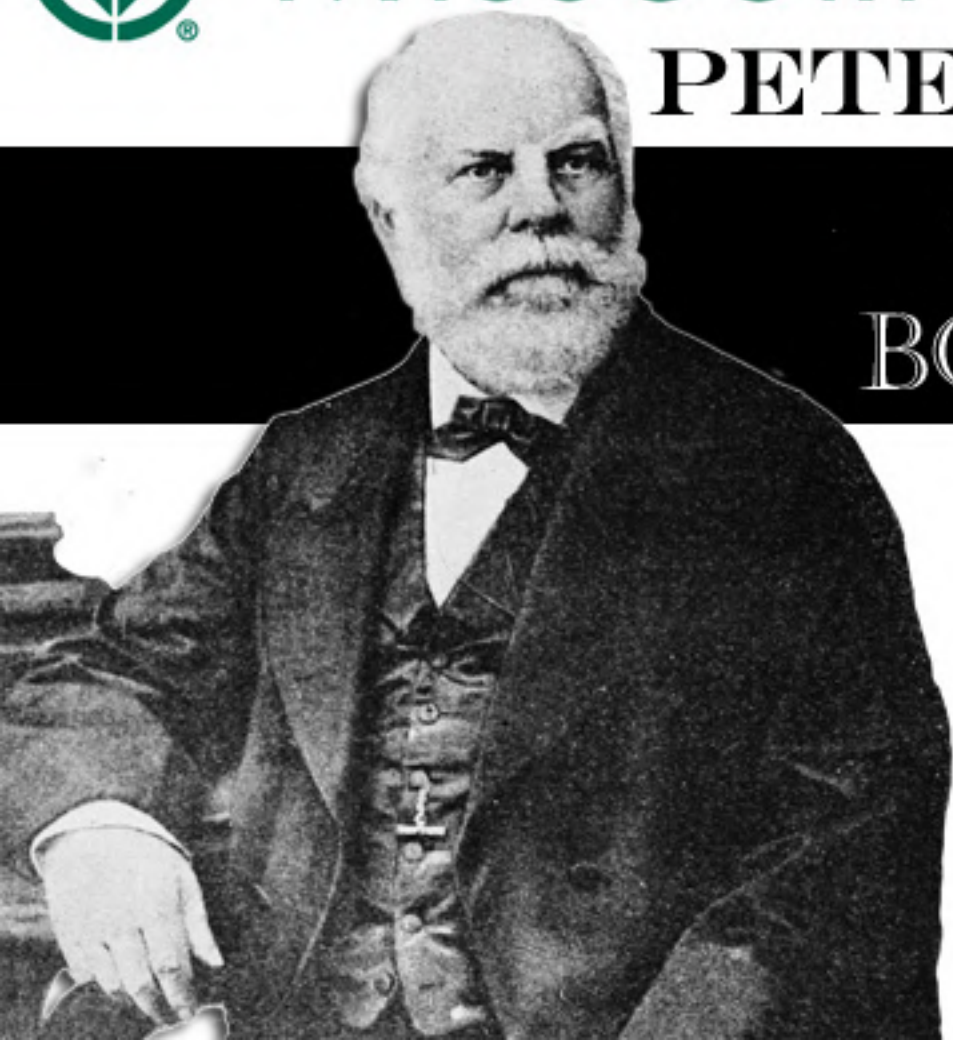


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GEORGE ENGELMANN
BOTANICAL NOTEBOOKS



Pagination Note:

Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Quercus Emoryi ?

May 4 1874

folia non perennantibus (April)

Pollen x 415 - Colorado Arkansas Canon, April 1873 C. L. Greene



x10



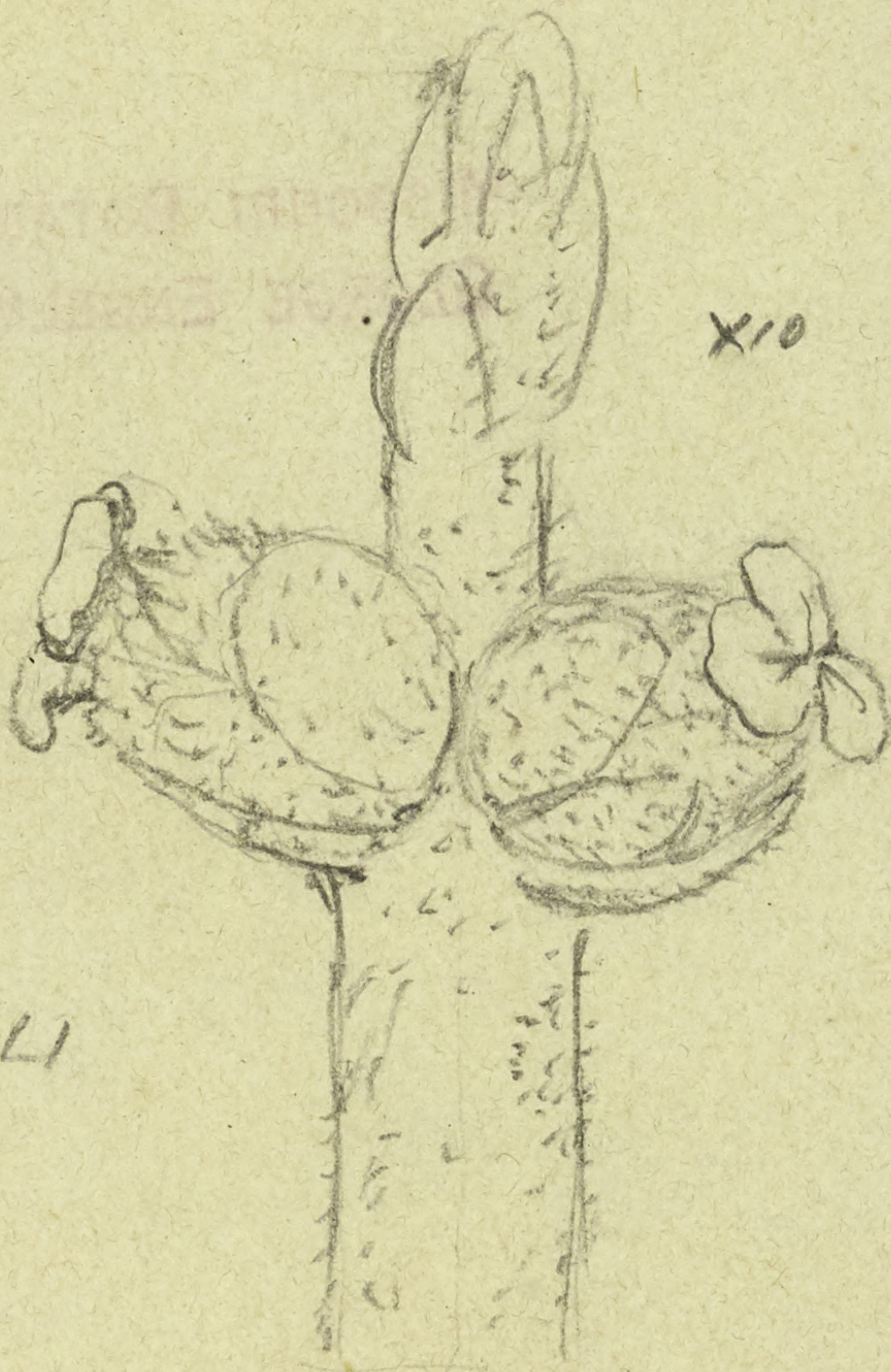
anther almost circular
as long as filament

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anthers mostly 4, but
sometimes 5-6, or
only 3

bract subulate
somewhat pericard



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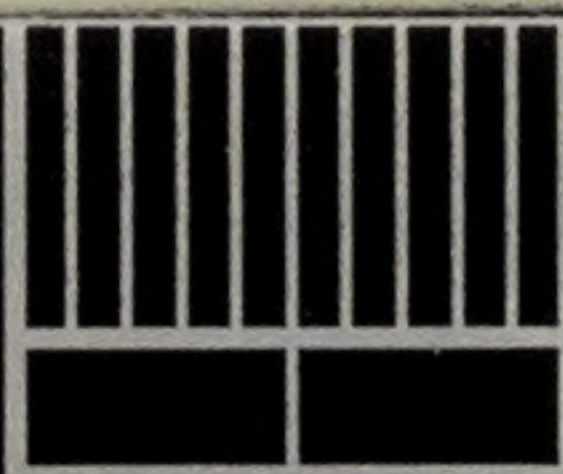
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CHEMIST

ALEX. LEITCH,
APOTHECARY & CHEMIST,
Cor. 4th and Olive Sts., St. Louis.

ALL THE NEW REMEDIES
CONSTANTLY ON HAND

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T. J. Brandegee writes Nov 27 74
Quercus undulata loses its leaves entirely or they are
g. Emoryi shows dead leaves as they are
fallen in some clumps — in others
they are all green yet — All
bushes of one clump are uniform
[of course, because layers or runners
from same stock!]

Large oakleaves sent in Oct are a common
form above the coalbanks



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I will make up a package
of ferns for your herbarium.

Have you Lindheimer's
Specs. in duplicate?

I fear that I cannot

assist you as to the other

5888

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Quercus Gambelii
at Cresswell, Colorado
30 miles west of Denver
The most northern locality!

E. L. Greene Sept 14 1877



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Yucca brevifolia

and allies,

Street,

No.



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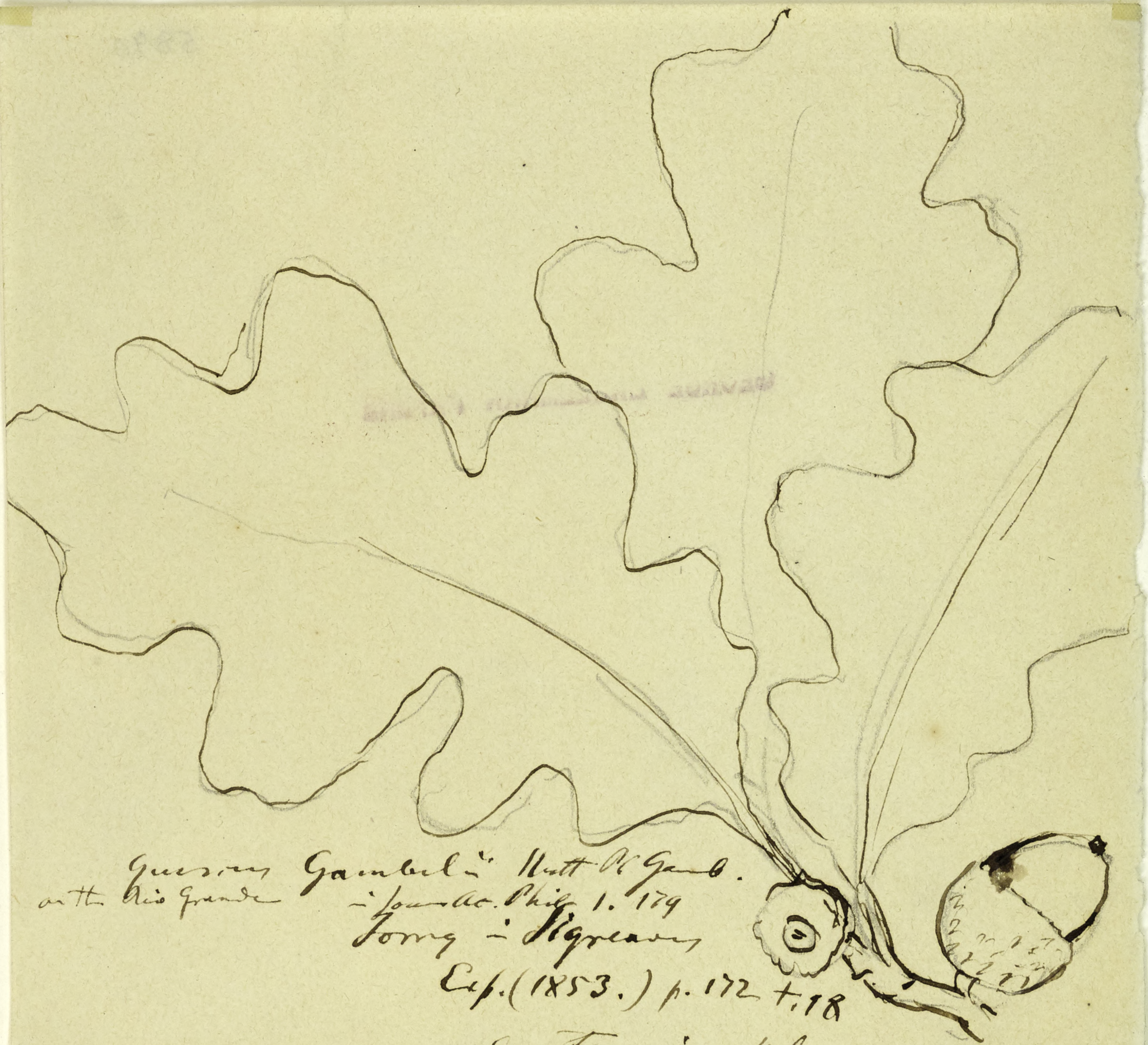
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Quercus Gambelii Nutt. & Gamb.
 on the Rio Grande - Jour. Ac. Phil. 1. 179
 Torrey - *Silv. Leaves*
 Exp. (1853.) p. 172 t. 18

Q. Douglasii B. & Gambelii San Francisco Mch
 DC. Prod. 16.2 23



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Handwritten notes and sketches, including a small circular diagram with a central dot and radiating lines, and a larger, faint sketch of a plant or flower.



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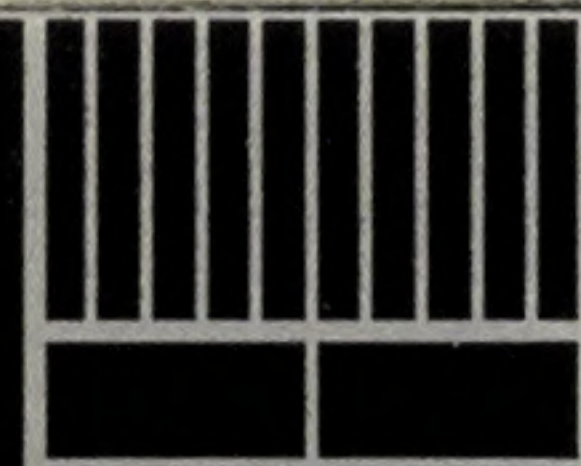
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Quercus Gambelii 40-50 feet high. 2 1/2 feet diam.
in the Pinos Altos Mts, Arizona E. R. Greene



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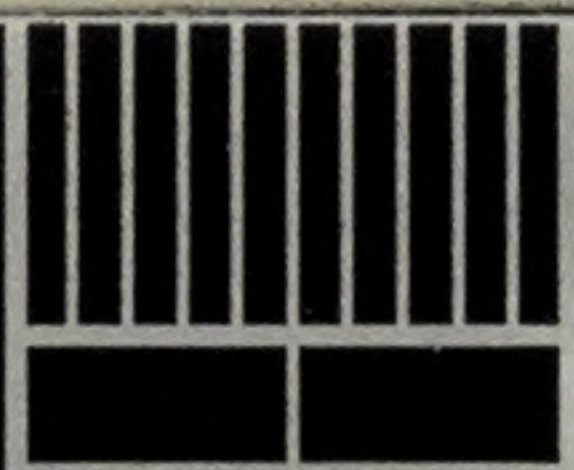
ix. *monogynae*, Samt. is, if I understand it correctly, a
 most variable species; ^{the} largest and of different forms ^{of the} preserved
 in the Berlin Herbarium; it may well be, however, that others
~~they are monogynae as the form is to distinguish~~

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1848 *Quercus gambelii* Nutt. M. Gamb.
in Journ Acad Phil (n. ser.) 1. 179
Torrey - Sitgr. Exped (1853)
p. 172 t. 18.

(Sitgreaves collected it on San Francisco
and it is exactly the same as Palmer's plant.
DC. Prodr XVI. 2. 23 refers it to *Q. douglasii* Nutt?

Nuttall l.c. *Q. gambelii*: leaves obovate, shortly petioled,
narrowed below, sinuately lobed, dilated and
somewhat 3-lobed at the summit, pubescent beneath,
lobes rather obtuse, upper ones subdentate, fruit
sessile, small, cup hemispherical, scales ovate
acute; gland ovate acute, half immersed
in the cup, short cone at summit. Rio Grande
form of leaf approaching a little obtuse lobe.



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G. ENGELMANN, M. D.,

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RESIDENCE.—N. W. Cor. Garrison Ave. & Locust Street.



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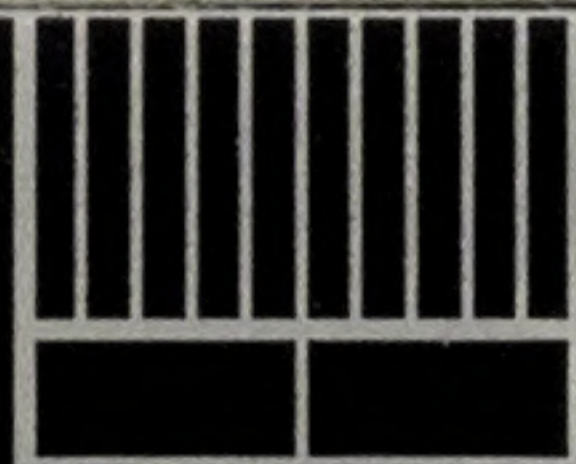
Quercus undulata var *Gambelii*
trees 40-50 feet high, 2 1/2 feet through

On Pinos Altos Mts. - Arizona
"wood very tough"

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Wm L. Greene



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Quercus oblongifolia Torr. Sitgreaves Rep.

Washington 1853 p. 173

foliis coriaceis (perennantibus) oblongis t. 19
utrinque obtusis integerrimis glabris
muticis. fruct sessilibus solitariis
cupula hemisphaerica tuberculata squamis
ovatis convexis — Western New Mex 1850



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[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]



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oblong foli

Calyx lobes oval
villous

green silicles - 0

greyish lobes

Bolander a Kellogg Los Angeles
entire leaves

— — — lobes leaves S. Diego



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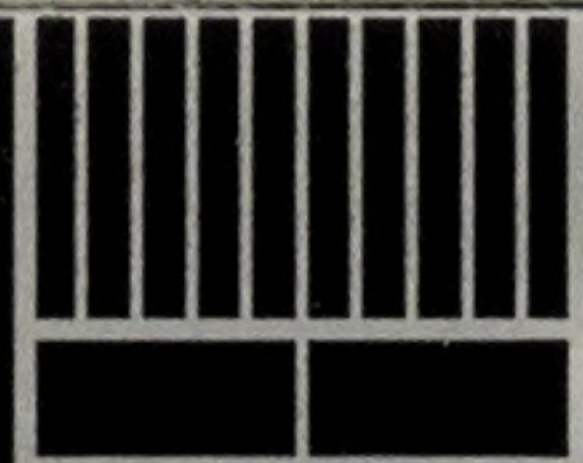
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P.L. Greene Aug 12 1877:

Quercus pungens, ^{oblongifolia} ~~Michx.~~ near Silver City N Mexico
a bush or tree! pubescent or woolly ^{glaucous} pale leaves
persistent! wood brittle and worthless. Leaves fall
when the flowers appear in spring. Fruit cone
peduncled!



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Dr Elliott sent. Ask
myself *University* dear that the
Stemmatococcus should be preserved
with and the Mayor clerk of
St. Louis

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